



# Testing Devices Garner Data on Insulation Performance

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## **NASA Technology**

- ◆ After developing a high-performance insulation material, Kennedy Space Center needed a test instrument to accurately measure the material's thermal performance
- ◆ The team developed the Cryostat 1, which led to a simplified version, the Cryostat 2



## **Partnership**

- ◆ A private aerospace company expressed interest in having its own cryostat test capability
- ◆ QinetiQ NA saw a business opportunity and applied for a license to make and sell one of several versions of the NASA Cryostat
- ◆ Commercialization of the technology will allow on-site tests at production or lab facilities making and testing new materials

## **Benefits**

- ◆ The company will market the technology for piping and storage tank insulation, appliances, consumer goods, and more
- ◆ A likely application is to test insulation used in the food refrigeration industry
- ◆ The device may also evaluate the materials to insulate pharmaceuticals being shipped